



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the Application of:

LE ET AL.

CASE NO.: TW5922 US PCT

E.L.G.  
8/28/01  
#5

APPLICATION NO.: 09/762,833

GROUP ART UNIT: 1713

FILED: JANUARY 30, 2001

EXAMINER: UNKNOWN

FOR: POLYMERIZATION WITH LIVING CHARACTERISTICS

INFORMATION DISCLOSURE STATEMENT


Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

In compliance with 37 CFR 1.97 and 1.98, Applicants bring to the attention of the U.S. Patent and Trademark Office information listed on the enclosed PTO/SB/08A and PTO/SB/08B. A copy of the information is also enclosed except for the references which were cited in the PCT Search Report. The PCT Office provided copies of these references to the U.S. Patent and Trademark Office.

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Respectfully submitted,

  
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Dated: August 22, 2001

Enclosures

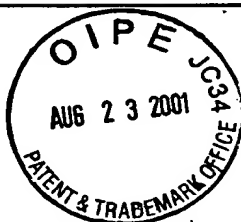
GAU 1713

PTO/SB/92 (08-00)

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Application No. 09/762,833  
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|---|--|-------------------|--|--------------------|------------|-------------|------------------|----------------------|-----------|----------------|------|---------------|---------|------------------------|---------------|
| Complete if Known   |  |                   |  |                    |            |             |                  |                      |           |                |      |               |         |                        |               |
| Application Number  | 09/762,833   |                   |  |                    |            |             |                  |                      |           |                |      |               |         |                        |               |
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| First Named Inventor  | Le et al.  |                   |  |                    |            |             |                  |                      |           |                |      |               |         |                        |               |
| Group Art Unit  | 1713   |                   |  |                    |            |             |                  |                      |           |                |      |               |         |                        |               |
| Examiner Name   | Unknown  |                   |  |                    |            |             |                  |                      |           |                |      |               |         |                        |               |
| Attorney Docket Number  | TW5922 US PCT  |                   |  |                    |            |             |                  |                      |           |                |      |               |         |                        |               |

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<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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|   |   |             |   | Examiner Name          | Unknown          |
| Sheet   | 2 | of          | 3 | Attorney Docket Number | TW5922 US PCT    |

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| Examiner<br>Initials *                             | Cite<br>No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>2</sup> |
|  |                          | QUIRK & LEE (Polymer International) 27, 359 (1992)  |                |
|  |                          | MOAD ET AL., Comprehensive Polymer Science, Pergamon, London, Wvol. 3, p. 141 (1989)  |                |
|  |                          | GRESZTA ET AL., Macromolecules 27, 638 (1994)   |                |
|  |                          | RIZZARDO ET AL., Macromol Symp. 98, 101 (1995)  |                |
|  |                          | CACIOLI ET AL., Copolymerization of $\alpha$ -Unsaturated Oligo(Methyl) Methacrylate: New Macromonomers, J. Macromol Sci-Chem A23, 839 (1986)   |                |
|  |                          | MOAD & SOLOMON, The Chemistry of Free Radical Polymerization, Pergamon, London 1995, pp 53-95   |                |
|  |                          | GREENLEY, Polymer Handbook 3 <sup>rd</sup> Edition, Wiley, NY 1989 p II/53  |                |
|  |                          | MULLER ET AL., Macromolecules 1995, 28, 4326  |                |
|  |                          | JENSEN ET AL., Acta Chem. Scand., 15, 1087-1096 (1961)  |                |
|  |                          | O'DRISCOLL ET AL., Eur. Polym. J. 25(7/8) 629 (1989)  |                |
|  |                          | SZWARC, Living Polymers and Mechanisms of Anionic Polymerization, 1983  |                |

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#### OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

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